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BIBLIOGRAPHY OF AGRICULTURE

with SUBJECT INDEX

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ORYX PRESS

The *Bibliography of Agriculture* is a monthly index to the literature of agriculture and the allied sciences received in the National Agricultural Library. Magnetic tapes supplied by the library are computer processed, using several vocabulary control mechanisms. The resulting indexes provide access to the literature in considerably less time than would be required by traditional indexing techniques.

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BIBLIOGRAPHY OF AGRICULTURE

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INTRODUCTION

The *Bibliography of Agriculture* is a monthly index to the literature of agriculture and allied sciences, based upon the indexing records prepared by the U.S. National Agricultural Library, for its CAIN (Cataloging and Indexing) computer system. The Oryx Press, in cooperation with Datagraphics Press, Inc., prepares and publishes the Bibliography under the control of its own computer indexing system.

CONTENT

The National Agricultural Library collects literature related to agriculture from world wide sources. The Bibliography includes journal articles, pamphlets, government documents, special reports, proceedings, etc. Books, new serials and other materials recently cataloged by the Library are announced in the *National Agricultural Library Catalog* published by Rowman and Littlefield. Material covered by both the Bibliography and the Catalog is also available through computerized, on-line interactive systems offered by System Development Corporation and Lockheed Information Systems.

Publications are considered for indexing in the CAIN System if a summary, abstract or title is available in a language in which the Library has expertise. Articles of substantial interest to the agricultural community are selected by specialists on the library staff. Editorials, letters to the editor, regular columns, and articles signed with pseudonyms or initials are not included. Indexing of articles on the processing of agricultural products is limited to those on primary processing. Generally material must have been published in the current year or the preceding year, but exceptions are made for comprehensive volumes or works of special significance to a wide audience.

The Bibliography is now divided into ten sections: A main entry section, five main entry sub-sections, a geographic index, a corporate author index, a personal author index, and a subject index. In addition, a list of Journal Titles indexed in this issue is included in the front matter.

MAIN ENTRY SECTION

The main entry section provides full bibliographic data for the records added to the CAIN system during the preceding month by the National Agricultural Library.

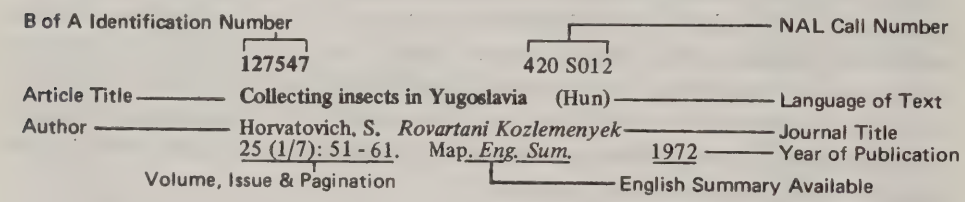
Entries are assigned to one (or more if appropriate) of the broad subject categories shown in the table of contents. The array of subject categories was increased in 1973 to facilitate browsing through a small number of citations of high relevance to a particular interest. Approximately equal numbers of citations will fall into each category over a given period of time. In assigning materials to the categories, first consideration is given to the aspect, discipline or methodology involved, so that the categories will enhance information given in the title.

Within each category, entries are arranged alphabetically by journal title abbreviation. This permits rapid locating and scanning of articles from journals which are known to be relevant.

Each entry begins with a six digit identification number assigned sequentially throughout a volume year. This number serves as an identfier for the item in the various indexes. The call number of the National Agricultural Library is also noted on the first line of each entry, and should be included in any correspondence with the library. All titles are in English, using the Library's translations of non-English titles as necessary. If the text is other than English, the original language is indicated in parentheses following the title, using the following notations:

(Afr)	Afrikaans	(Fle)	Flemish	(Lit)	Lithuanian
(Alb)	Albanian	(Fre)	French	(Mac)	Macedonian
(Arm)	Armenian	(Geo)	Georgian	(Nor)	Norwegian
(Aze)	Azerbaijani	(Ger)	German	(Pol)	Polish
(Bel)	Belorussian	(Gre)	Greek	(Por)	Portuguese
(Bul)	Bulgarian	(Heb)	Hebrew	(Rum)	Rumanian
(Bur)	Burmese	(Hun)	Hungarian	(Rus)	Russian
(Chi)	Chinese	(Ice)	Icelandic	(Ser)	Serbian
(Cro)	Croatian	(Ind)	Indonesian	(Slo)	Slovak
(Cze)	Czech	(Ita)	Italian	(Slv)	Slovenian
(Dan)	Danish	(Jap)	Japanese	(Spa)	Spanish
(Dut)	Dutch	(Kor)	Korean	(Swe)	Swedish
(Est)	Estonian	(Lat)	Latin	(Tha)	Thai
(Fin)	Finnish	(Lav)	Latvian	(Tur)	Turkish
				(Ukr)	Ukrainian

In order to identify bibliographic elements within each main entry, note the following:



MAIN ENTRY SUB-SECTIONS

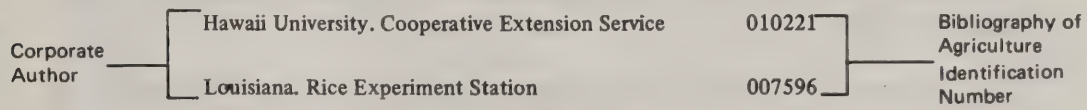
Since The Oryx Press became publisher of the *Bibliography of Agriculture* (in January 1975), five main entry sub-sections have been added. These sections follow The Main Entry Section and appear in the following order: USDA Publications; State Agricultural Experiment Station Publications; State Agricultural Extension Service Publications; FAO Publications; and Translated Publications. Each of these five sections appeared in the original *Bibliography of Agriculture* published by the U.S. Department of Agriculture prior to 1970. The citation format used in these five sections differs from The Main Entry section, as follows: USDA, State Experiment, and State Extension publications are arranged alphabetically by journal title abbreviation; in addition, the *Bibliography of Agriculture* Identification Numbers have been eliminated. These numbers have been dropped in these sections because all the entries appear in The Main Entry Section as well as in the subsections.

GEOGRAPHIC INDEX

As part of our goal of constantly increasing access to the literature, we have added a geographic index. This index is a direct alphabetic listing of all place names which have been indexed in association with the title. Obviously not all titles will have geographic entries. The indexing division of the National Agricultural Library will add geographic descriptors wherever it is germane to the subject of the article.

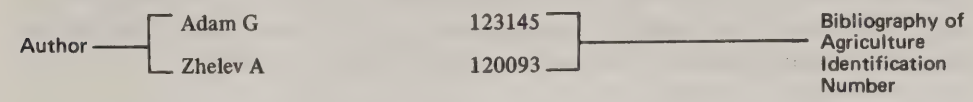
CORPORATE AUTHOR INDEX

Readers will note that the corporate author index is considerably enlarged. We are now able to indicate authorship of the publications of the State Agricultural Experiment Stations and Extension Services. The full corporate citation is given, followed by the six digit identification number referring to its appropriate main entry.



AUTHOR INDEX

All personal authors (to a maximum of ten for each citation) are included in the index. Entries are made by last name and initials, followed by the six digit identification number referring to the bibliographic data in the main entry section.



SUBJECT INDEX

The vocabulary of the *Bibliography of Agriculture* is derived from the indexed literature. As a result, it reflects both natural language and scientific terminology. The reader must keep this fact in mind and approach the subject index without any preconceived taxonomy in mind. For example, data on a particular member of the ACARIDAE family may be found under TICKS as well. Prevention measures will be found under ACARICIDE.

The reader should plan his search in terms of the most specific natural language term prior to searching under a scientific term. However, note that the vocabulary is an open ended one and new terms are added each month. Undoubtedly readers will be more keenly aware of crucial search terms within their own fields of research. If such terms are missing, we hope readers will notify the editor of such gaps. The Subject Index will increase its utility if there is frequent interaction between the research community and the editor.

All entries are complete (none are truncated), and are based on single words in the title (and title enrichment when added by the library). An entry will be made whenever a title word matches a word on the authority file, which currently contains over 25,000 terms. The file is organized so that in most cases synonymous terms are grouped together under a single subject heading. Thus singular and plural forms are grouped under a single term as are grammatical variants.

The title word on which the entry is based, appears in italics to facilitate rapid scanning of the index. A secondary word, which may either precede or follow the primary word, appears in bold face type. The alphabetic sequence is by the secondary (bold face) word. These word pairs help provide finer access to desired terms, particularly under headings which have many entries.

CHEESES
Production and sale of *Gorgonzola* **cheese** [Prices, trade, productive capacity]. 227693
The **cheese** *industry*. 227819
Information for the consumer and advertising abroad of typical *Italian* **cheeses** [Prices]. 227689
Not enough to produce—Sale of *Italian* **cheeses** urgency of modern forms and efficient structures [Prices, trade].

Many general terms were deleted from the control vocabulary in 1975, and work is underway on the establishment of a more complete list of specific terms. Each subsequent issue will reflect this work. The *Thesaurus of Agricultural Terms,* published in 1976, reflects all the changes made in the control vocabulary through December 1975.

The last item of each entry in the Subject Index is the six digit *Bibliography of Agriculture* identification number. Use this number to locate the complete main entry citation in the monthly issues.

AVAILABILITY OF REFERENCES CITED

Most of the current publications of the Department of Agriculture, and publications issued by the State Experiment Stations and the State Agricultural Extension Services, may be obtained free of charge by applying directly to the issuing agency. The National Agricultural Library does not distribute them, nor does the publisher.

Users who wish to obtain full text for citations should first utilize the resources of their local libraries. For material which is not readily available from other sources, users may request material from the National Agricultural Library. Such requests must include the complete citation as well as the Library's call number. Microfilm or electrostatic copies of documents may be purchased from the Photocopying Service of the National Agricultural Library, U.S. Department of Agriculture, Beltsville, Maryland 20705. Copy charges are:

Microfilms:	$1.00 for each 30 pages or fraction copied from a single article or book
Electrostatic Copies:	$1.00 for each 10 pages or fraction copied from a single article or book.

Payment must accompany the order. Cash, library coupons, check, or money order drawn to the National Agricultural Library, USDA, are acceptable. Payment for orders originating outside the United States should be made by international money order or draft on an American bank, or by UNESCO book coupons. Library coupons, valued at $1.00 each, may be purchased in any quantity from the Library's Photocopying Service.

LIST OF JOURNAL TITLE ABBREVIATIONS CITED

A M A (Agric Mech Asia)
A P P S Newsl Aust Plant Pathol Soc
A S A Spec Publ Am Soc Agron
AALDI Bull (Assoc Agric Libr Doc India)
ACS Symp Ser (Amer Chem Soc)
Acta Anat
Acta Biochim Biophys
Acta Biol Med Ger
Acta Bot
Acta Chem Scand Ser B Org Chem Biochem
Acta Endocrinol
Acta Entomol Bohemoslov
Acta Entomol Sin
Acta Histochem
Acta Histochem Cytochem
Acta Hydrochim Hydrobiol
Acta Microbiol
Acta Mycol
Acta Pathol Microbiol Scand, Sect B Microbiol
Acta Physiol Lat Am
Acta Physiol Scand
Acta Trop
Acta Vet Scand
Acta Virol
ADAS Hortic Enterp (Agric Dev Advis Serv)
Adv Biochem Eng
Adv Carbohydr Chem Biochem
Adv Exp Med Biol
Adv Radiat Biol
Afinidad
Afr Agric
Afrikanerbees J
Agrarwirtschaft
Agric Biol Chem
Agric Econ Rep Dep Agric Econ Mich State Univ
Agric Econ Rep Econ Res Serv U S Dep Agric
Agric Educ
Agric Eng (St Joseph, Mich)
Agric Environ
Agric Handb U S Dep Agric
Agric Inf Bull U S Dep Agric
Agric Libr Inf Notes
Agric Merch
Agric Res J Kerala
Agric Situat India India Dir Econ Stat
Agric Situat U S Dep Agric Stat Rep Serv
Agric Tec
Agric Technol
Agrichem Age
Agricultura (Madr)
Agrobotanika
Agron Dep Mimeogr Ser Ohio Agric Res Dev Cent Dep Agron
Agron Sulriograndense
Agron Trop (Paris)
Agroplantae
Agrotike
AIBS Educ Rev (Am Inst Biol Sci)
Alberta Hog J
Algodon Mex
Algodonero
Allg Dtsch Imkerztg
Am Bee J
Am Dairy Rev
Am Dyest Rep
Am For
Am J Bot
Am J Clin Nutr
Am J Enol Vitic
Am J Nursing
Am J Physiol
Am J Public Health
Am J Vet Res
Am Logger Lumberman
Am Mink Breeder Mag
Am Mus Novit
Am Potato J
Am Veg Grow
Amer J Clin Nutr
An Fac Vet Leon
An Quim Soc Esp Fis Quim
An Serv Vet (Lourenco Marques)
An Soc Rural Argent
Anal Biochem
Anim Feed Sci Technol
Ann Agric Fenn
Ann Agric Sci (Moshtohor)
Ann Appl Biol
Ann Biol Anim Biochim Biophys
Ann Bot (Rome)
Ann Entomol Fenn
Ann Fac Med Vet Torino
Ann Med Vet
Ann Mo Bot Gard
Ann Phytopathol Soc Jap
Ann Rep N Z Fert Manuf Res Assoc
Ann Sci Nat Zool Biol Anim
Ann Sci Text Belg
Ann Ser A Stellenbosch Univ
Ann Zool Pol Akad Nauk Inst Zool
Annu Meet Natl Mastitis Counc Inc
Apiacta
Appl Spectrosc
Appl Stat
Applied Environ Microbiol
Arboric J
Arch Environ Health
Arch Microbiol
Arecanut Spices Bull
Arkh Anat Gistol Embriol
ARS-NC U S Agric Res Serv North Cent Reg
ARS-S U S Agric Res Serv South Reg
ARS-W U S Agric Res Serv West Reg
Atmos Environ
Aust Bee J
Aust For Ind J
Aust J Agric Econ
Aust J Agric Res
Aust J Biol Sci
Aust J Bot
Aust J Chem
Aust J Dairy Technol
Aust J Exp Agric Anim Husb
Aust J Soil Res
Aust J Zool
Aust J Zool Suppl Ser Suppl
Aust Orchid Rev
Aust Plants
Aust Tob Grow Bull
Aust Wine Brewing & Spirit Rev
Australas Beekeep
Av Aliment Mejora Anim
B Coop Ext Programs Univ Wisc
Balwant Vidyapeeth J Agric Sci Res
Bangladesh Dev Stud
Bedrijfsontwikkeling
Behav Ecol Sociobiol
Behaviour
Beitr Biol Pflanz
Belg Apic
Beratt Verksamheten Upps Lantbrukshogsk Avd Vaxtforadling Frukt Bar Balsgard
Beret Ostfold Skogselskap
Beret Statens Foderstofkontrol
Beret Statens Husdyrbrugsudvalg Landokonomisk Forsogslab
Berichte Landwirtsch Ger (Fed Repub) Bundesminist Ernaehr Landwirtsch Forsten
Biatas, The Tillage Farmer
Bibl Sel'sk Profsoiuznogo Akt
Biene
Bienenpflege
Bienenvater
Bienenwelt
Biochem Biophys Perspect Mari Biol
Biochem Biophys Res Commun
Biochem Exp Biol
Biochem J
Biochem Ser One
Biochemistry (Easton)
Biochim Biophys Acta
Biochimie
Bioinorg Chem
Biol Nauki
Biol Neonate
Biologico
Biometrics
BioScience Am Inst Biol Sci
Biotropica
Birokteren
Biull Nauchn Rabot Vses Nauchno-Issled Inst Zhivotnovod
Boissiera
Bol Cent Panam Fiebre Aftosa
Bol Inst For Lat Am Invest Capacit
Bol Mus Paraense Emilo Goeldi, Nova Ser Bot
Bol Tec Assoc Interam Bibl Doc Agric (Turrialba)
Bol Tec Inst Florestal (Sao Paulo)
Boll Soc Ital Biol Sper
Bolsa Cereal
Bot Gaz
Bot Jahrb Syst Pflanzengesch Pflanzengeogr
Bot Mag
Br Bee J
Br J Dermatol
Br Poult Sci
Br Vet J
Bragantia
Branntweinwirtschaft
Brew Dig
Brew Guardian
Brittonia
Brooklyn Bot Gard Rec Plants Gard
Bull A S P S (Afr Suc Plant Soc)
Bull Agric
Bull Agric Exp Stn Auburn Univ
Bull Agric Exp Stn Div Agric Univ Arkansas
Bull Br Arachnol Soc
Bull Br Mycol Soc
Bull Calif Dep Water Resour
Bull Conn Storrs Agric Exp Stn
Bull Conn Univ Coop Ext Serv
Bull Coop Ext Serv Univ Ga Coll Agric
Bull Entomol Res
Bull Environ Contam Toxicol
Bull For Timber Bur (Canberra)
Bull Hir Prefect Agric Exp Stn
Bull INACOL (Inst Natl Amelior Conserves Legumes)
Bull Indones Econ Stud
Bull Inf Rizic Fr
Bull Inst Int Froid
Bull Inst Meat
Bull Kans Agric Exp Stn
Bull Mass Agric Exp Stn
Bull Mus Comp Zool (Harvard Univ)
Bull Pa Agric Exp Stn
Bull Pac Trop Bot Gard
Bull Res Inst Agric Econ
Bull Univ Tenn Agric Exp Stn
Bull W Va Agric Exp Stn
Bull Wash State Univ Coll Agric Res Cent
Bull Water Resour Res Cent Va Polytech Inst State Univ
Bull Yale Univ Sch For Environ Stud
Bull Zool Mus Univ Van Amst
C Coop Ext Serv Kans State Univ
Cacau Atual
Cah ORSTOM Ser Oceanogr (Off Rech Sci Tech Outre-Mer)
Cajanus
Calcif Tissue Res
Calif Agric
Calif Farmer (Cent Ed)
Calif Fire Control Notes
Campo Bol Inf Agrar Banco Bilbao
Can Agric
Can Field Nat
Can For Ind
Can J For Res
Can J Public Health
Can J Soil Sci
Can J Zool
Cane Grow Bull
Cane Grow Q Bull Queensl Bur Sugar Exp Stn
Cardamom News
Cas Morav Mus Vedy Prir
Cat Diptera Am South U S
Cell Tissue Res
Cenicafe
Cereal Foods World
Chem Biol Interactions
Chem Commun
Chem Erde
Chem Lett
Chem N Z
Chemosphere
Chromatographia
Chromosoma
Cienc Cult Soc Bras Para Progr Cienc
Circ Fla Univ Agric Ext Serv
Circ Wash Agric Exp Stn
Citrograph
Citrus Sub-Trop Fruit J
Citrus Veg Mag
Clin Exp Immunol
Clin Exp Pharm Physiol
Clin Vet
CNI Weekly Rep
Coco & Palma
Coconut Bull
Coir
Collect Czech Chem Commun
Colture Protette
Commonw For Rev
Commun Soil Sci Plant Anal
Comp Biochem & Physiol A, Comp Physiol
Comp Biochem & Physiol B, Comp Biochem
Comput Programs Biomed
Confinement
Conn Greenhouse Newsl
Conn Woodl
Connect Tissue Res
Cooking for Profit
Cornell Hotel Restaurant Admin Quarterly
Cow Moos
Cranberries
Crop Prod Conf Rep Crop Qual Counc
Crop Res News N Z Dep Sci Ind Res Crop Res Div
Crop Sci
Crops Soils
Ctry Life
Cult Dairy Prod J
Curr Inf Ser Idaho Univ Coop Ext Serv
Curr Sci
Cytobiologie
Cytobios
Dairy Herd Manage
Dairy Tales
Dairy Technol
Dairy Top
Dairyfarm Dig
Dan Erhversfjerkrae
Dan Pelsdyravl
Dan Veterinaertidskr
Darwiniana
Desarr Rural Am
Dev Change
Differentiation
Div Chem Technol Tech Pap Commonw Sci Indus Res Organ
Div Rep C S I R O Div Soils
Doc Cartogr Ecol
Doc Inf Agric
Doc Tech Inst Natl Rech Agron Tunis
Dokl TSKHA Timiriazevsk S-kh Akad
Dtsch Milchwirtsch
East Econ
East Grape Grow
Ecol Entomol
Ecol Food Nutr
Ecol Res Ser
Ecologist
Econ Branch Publ Can Dep Agric Econ Branch
Econ Med Anim
Effluent Water Treat J
Egypt J Food Sci
Ekistics
Ekol Pol
Elev Insemination
Encycl Plant Physiol New Ser
Endocr Res Commun
Endocrinology
Endokrinologie
Energy Commun
Entomol Mon Mag
Entomol Newsl
Entomol Rec J Var
Entomophaga
Environ Conserv
Environ Entomol
Environ Policy & Law
Environ Pollut
Environ Res
Environ Sci Tech

Enzyme J Enzyme Physiol Pathol
Enzymes Biol Membr
Epistem Epeteris Aristoteleion Panepistem Thessalonikes Kteniatr Sch
Equine Vet J
ERFA (Erdogazdasag Faipar)
ERS U S Dep Agric Econ Res Serv
ESS Ohio State Univ Dep Agric Econ Rural Sociol
Etud Rurales Paris Ec Hautes Etud Sci Soc
Eur J Appl Microbiol
Eur J Biochem
Eur J For Pathol
Eur J Pharmacol
Exp Cell Res
Exp Hortic
Experientiae
Ext Circ Oreg State Univ Ext Serv
Ext Serv Rev U S Fed Ext Serv
Fact Sheet Coop Ext Serv Univ Md
Faipar
Fam Health
Farm Build News
Farm Econ (Pa State Univ)
Farm Fact
Farm Food Res
Farm J (Calcutta)
Farm Policy
Farmer Coop U S Farmer Coop Serv
Farmer Parliament
Farmers Bull U S Dep Agric
Fat Oil Situat FOS U S Dep Agric Econ Res Serv
FCS Res Rep Farmer Coop Serv U S Dep Agric
FDA Consumer
FEBS Lett (Fed Eur Biochem Soc)
Fed Proc Fed Am Soc Exp Biol
Feed Situat U S Dep Agric Econ Res Serv
Feedstuffs
Feldwirtschaft
Fert Prog
Fert Solu
Fertil Steril
Financ Agric
Fire Control Notes U S For Serv
Fiziol Rast (Mosk)
Fjaderfa
Fla Flower Grow
Fla Foliage Grow
Flax Newslett
Fluoride
Flussiges Obst
Folia Biol (Praha)
Folia For
Folia Parasit
Folia Vet Lat
Food Eng
Food Farming Agric
Food Management
Food Manuf
Food Nutr
Food Nutr Notes Rev
Food Nutr Notes Rev Aust Dep Health
Food Policy (Sussex)
Food Prod Dev
Food Technol Aust
Food Technol N Z
Food Technol Rev
For Chron
For Comm Bull (Lond)
For Prod J
For Rec G B For Comm
For Res Rep Agric Exp Stn Univ Ill
Foreign Agric Circ Canned Fruits FCAN U S Foreign Agric Serv
Foreign Agric Circ Citrus FCF U S Foreign Agric Serv
Foreign Agric Circ FLM U S Foreign Agric Serv
Foreign Agric Circ FPE U S Foreign Agric Serv
Foreign Agric Circ, Grains FG, U S Dep Agric Foreign Agric Serv
Foreign Agric Circ Sugar FS U S Foreign Agric Serv
Foreign Agric Econ Rep U S Dep Agric Econ Res Serv
Foreign Agric Trade U S Dep Agric Econ Res Serv
Foreign Agric U S Foreign Agric Serv
Forsch Sitzungsber Akad Raumforsch Landespl
Forsttech Inf
Fortsch Exp Theor Biophys
Fortschrittsber Landwirtsch Nahrungsguterwirtsch
Fragm Faun Pol Akad Nauk Inst Zool
Fragm Florist Geobot
Freshwater Biol
FRI Res Pam (For Res Inst Kepong)
Fruchthandel
Frugtavleren
FVMPA Butter-Fat (Frazer Val Milk Prod Assoc)
Garcia Orta Ser Zool
Garden
Gart Kleintierzucht, C Imker
Gart Prax
Gartneryrket
Gayana, Bot
Gaz Apic
Gen & Comp Endocrinol
Gen Tech Rep PSW Pac Southwest For Range Exp Stn USDA For Serv
Genet Iber
Genetics
Genio Rurale
Geogr J
Getreide Mehl Brot
Giessen Geogr Schr
Glas Prir Muz Beogr, Ser A Mineral Geol Paleontol
Glas Prir Muz Beogr, Ser B Biol Nauke
Glean Bee Cult
God Zb Zemjod Skopje Univ Zemjod-Sumar Fak
Grain Ind Plants
Grasas Aceites
Grounds Maint
Handb Physiol Am Physiol Soc'
Haryana Vet
Hausmitt Landwirtsch
Helv Chim Acta
Heredity
Hoards Dairym
Hog Farm Manage
Home Gard Bull U S Dep Agric
Hortic Ind
Hydrobiol J
IARC Sci Publ Int Agency Res Cancer
Iheringia, Ser Bot
Iheringia, Ser Zool
Ill Res
Ill Teacher
Imkerfreund
Immunochemistry
Immunogenetics
Immunology
In Abwassertechnischen Vereinigung, Die Essener Tagung
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In Sel'skokhoziaistvennoe ispol'zovanie poim iuzhnykh rek evropeiskoi chasti SSSR
In Skreshchivanie krupnogo rogatogo skota s zebu
In Spores; Selected Papers from the International Spore Conference
In Symposium on Nutrition and Agricultural and Economic Development in the Tropics
In Ultraviolet Inact Photoreact & Effects of DCMU on Cell Div & Growth in Synchronized Chlorella
Ind Azucar
Ind Veg Manage
Indian Dairym
Indian Food Pack
Indian For Bull For Res Inst
Indian Hortic
Indian J Agric Econ
Indian J Biochem
Indian J Biochem Biophys
Indian J Genet Plant Breed
Indian J Nutr Diet
Indian J Pharm
Indian J Physiol Pharmacol
Indian J Weed Sci
Indian Poult Gaz
Indian Poult Ind Yearb
Indian Poult Rev
Indian Pulp Pap
Indian Silk
Indian Vet J
Indiana Crop Livest Stat Indiana Agric Exp Stn Dep Agric Stat
Inf Conf Cursos Reun Interam Inst Agric Sci
Inf Internes Agric Comm Communautes Eur
Inf Ref CC-X Chem Control Res Inst
Inf Rep FMR-X For Manage Inst Ottawa
Inf Rep Inst Res Land Water Resour
Inf Rep NOR-X North For Res Cent (Edmonton Alberta)
Inf Rep OP X For Prod Lab Ottawa Ont Can For Serv Dep Fish For
Inf Sheet Coop Ext Serv Miss State Univ
Inf Sobre Grasas Aceites
Inf Tec Argent Repub Estac Exp Agropecu Pergamino
Inf U S Farmer Coop Serv
Infect Immun
Insect Biochem
Inst Prod Florestais Cortica
Instit Distrib
Instit/vol Feeding
Int Arch Allergy Appl Immunol
Int Flavours Food Addit
Int J Biochem
Int J Fertil
Int J Insect Morphol Embryol
Int J Parasitol
Int J Peptide Protein Res
Int J Radiat Biol Relat Stud Phys Chem Med
Int Pest Control
Int Rev Cytol
Int Sugar J
Inten Agric
Inventory Ohio Soil Prog Rep Ohio Dep Nat Resour Div Land Soil
Ir Beekeep (An Beachaire)
Ir J Agric Res
Irrig Farmer
Irrigazione
Isotopenpraxis
ISR Interdiscip Sci Rev
Ital J Biochem
ITC J (Int Inst Aerial Surv Earth Sci)
J Agric (Melb)
J Agric Sci (Camb)
J Agric Univ P R
J Am Chem Soc
J Am Diet Assoc
J Am Oil Chem Soc
J Am Vet Med Assoc
J Anim Sci
J Appl Ecol
J Appl Meteorol
J Appl Physiol
J Aust Entomol Soc
J Bacteriol
J Biochem (Tokyo)
J Bioenerget
J Biogeogr
J Cell Biol
J Cell Sci
J Chin Agric Chem Soc
J Clin Microbiol
J Comp Physiol
J Comp Physiol Psychol
J Dairy Sci
J Ecol
J Econ Entomol
J Endocrinol
J Environ Qual
J Fac Text Sci Technol Shinshu Univ, Ser A Biol
J Food Sci
J Food Technol
J For
J Gen Manage
J Gen Microbiol
J Gen Virol
J Hortic Soc China
J Hydrol
J Hyg
J Indian Chem Soc
J Indian Soc Soil Sci
J Insect Physiol
J Inst Anim Tech
J Kans Entomol Soc
J Macromol Sci, Chem
J Microsc
J Milk Food Technol
J Mol Biol
J Nucl Agric Biol
J Org Chem
J Palynol
J Peasant Stud
J Phycol
J Physiol
J Prakt Chem
J R Soc N Z
J Range Manage
J Reprod Fertil, Suppl
J Res Haryana Agric Univ
J Res Punjab Agric Univ
J Sci Food Agric
J Shinshu Univ Fac Text Sci Technol, Ser E Agric Seric
J Small Anim Pract
J Soc Dairy Technol
J Soil Sci Soc Am
J Submicrosc Cytol
J Therm Biol
J Tokyo Univ Fish
J Ultrastruct Res
J Virol
J Water Pollut Control Fed
J Wildl Manage
J Zool
Jaarversl Proefstn Rundveehouderij Jaar
Jap J Breed
Jap J Genet
Jap J Vet Sci
Jap Poult Sci
Jordbruksekon Medd
Justus Liebigs Ann Chem
Kalmia Bot J
Kartoffelbau
Kat Fauny Pol
Kenya Cof
Keszthelyi Mezogazdasagtud Kozl Agrartud Egy Keszthely
Khim-Farm Zh
Khlopkovodstvo
Konzerv Paprikaip
Korma
Kurtziana
La Vie Agric Meuse
Lab Anim
Lab Anim Sci
Lab Pract
L'Action Vet
Landbo Nyt
Landbouwmechanisatie
Landmasch Markt
Landwirtsch-Angew Wiss Bundesminist Ernahr Landwirtsch Forsten Ger (Fed Repub)
Lantbrukshogsk Medd, Ser A
Laporan Lembaga Penelitian Hutan
Latte
Leafl Agric Exp Stn Auburn Univ
Leafl Coop Ext Serv Univ Ga Coll Agric
Leafl Div Agric Sci Univ Calif Berkeley Coop Ext
Leafl G B For Comm
Leafl Irel Dep Agric Fish
Leafl North Irel Advis Serv Dep Agric
Leafl U S Dep Agric
Leben Erde
Lejeunia Rev Bot
L'elevage
Len Konoplia
Lepidoptera
L'Hortic Fr
Life Sci
Lipids
Livest Advis
Livest Breed J
Livest Meat Situat LMS U S Dep Agric
Livest Prod Sci
Luonnon Tutkija
LWT (Lebensmitt Wissensch Technol)
M A F E S Res Highlights (Miss Agric For Exp Stn)
Madras Agric J
Magy Allatorv Lapja
Mar Biol
Mar Ecol Compr Integr Treatise Life Oceans Coastal Waters
Mar Sci Commun
Marcellia
Mater Org
Medd Jordbruk Utredningsinst
Meded Inst Plantenziektenkd Onderz (Wageningen)
Meheszet
Meieriposten
Melb Notes Agric Ext
Meld Inst Bygningstek Nor Landbrukshogsk
Meld Nor Landbrukshogsk
Melsheimer Entomol Ser
Mem Am Entomol Soc
Mem Inst Butantan
Memo Niger Dep Agric Res
Met Ions Biol Syst
Metab Clin Exp
Methods Carbohydr Chem
Mezhdunar S-kh Zh
Microbios
Microbios Lett
Mikrochim Acta
Mikroskopie
Milk Ind
Minn For Res Notes
Minn Sci
Misc Publ Md Agric Exp Stn
Misc Publ U S Dep Agric
Misc Univ Nac Tucuman Fac Agron Zootech
Mitt Biol Bundesanst Land Forstwirtsch (Berlin-Dahlem)
Mitt DLG (Dtsch Landwirtsch Ges)
Mitt Eidg Anst Forstl Versuchswes
Mitt Obstbauversuchsringes Alten Landes
Mitt Rebe Wein Obstbau Fruchteverwert Hohere Bundeslehr Versuchsanst Wein Obstbau
Mitt Ver Forstl Standortskd Forstpflanzenzucht
Mitteilungsbl Landesverb Gartenbau Landwirtsch
Mod Vet Pract
Mol Biol
Mol Biol (Kiev)
Mol Biol (N Y)
Mol Biol Rep
Mol Cell Biochem
Mol Gen Genet (MGG)
Molochn Prom-st'

Monit Zool Ital Ital J Zool New Ser
Monit Zool Ital, Suppl
Monogr Biol
MP Tex Agric Exp Stn
Mt Grow
Muhle Mischfuttertech
Mukomol'no Elevat Kombikormovaia Prom-st'
Mushroom J
Mutat Res
My Forest
Mycopathologia
Mykosen (Berlin)
N Y Food Life Sci Q
N Z Entomol
N Z Geogr
N Z J Agric
N Z J Agric Res
N Z J Exp Agric
N Z J Mar Freshwater Res
N Z Soil News
N Z Vet J
Nat Can
Nat Mus
Nat Res J
Natl Food Situat NFS U S Dep Agric Econ Res Serv
Natl Wool Grow
Naturalist
Nature
Nauka Pol
Nematologica
Neth J Agric Sci
Neth J Plant Pathol
Neth J Zool
Neue Bienenzucht
New Phytol
New Sci (London)
Nihon Shokuhin Eisei Gakkai J Food Hyg Soc Jap
NIZO Rapp (Ned Inst Zuivelonderz)
Nor Hagetid
Nor Pelsdyrbl
Nor Skogind
North Cent Reg Ext Publ
Note Tech Cent Tech Genie Rural Eaux Forets
Note Tech Stn Phytopathol (Gembloux)
Notes Wat Res
Nova Hedwigia Beih
Nuovi Ann Ig Microbiol
Nutr Action
Nutr Metab
Nutr Program News
Nutr Rep Int
Occas Paper Farlow Herb Cryptogam Bot
Oecologia
Ohio J Sci
Ontogenez
Orchid Advocate
Oreg Plant Dis Control Handb
Org Gard Farming
Outlook Agric
PA U S Dep Agric
Pac Hortic
Pak Dev Rev
Pak J Bot
Pan Pac Entomol
Pap Puu
Paper (Athens Ga)
Papua New Guinea Agric J
Parasitology
Pastor Rev
PB U S Natl Tech Inf Serv
Pchelarstvo
Pchelovodstvo
Peanut Farmer
Peanut Sci
Pecan Q
Pediatrics
Pedobiologia
Pedologist
Personnel J
Pesqui Agropecu Bras, Ser Agron
Pflanzenarzt
Philos Trans R Soc Lond, Ser B Biol Sci
Photochem Photobiol
Photochem Photobiol Rev
Photogr Tech Sci Res
Physiol Entomol
Physiol Plant Pathol
Phytochemistry
Phyton
Phytopathol Z
Phytopathology
Plant Dis Rep
Plant Inventory U S Agric Res Cent Beltsville
Plant Physiol
Plant Sci Lett
Plant Soil
Planta
PM Iowa State Univ Sci Technol Ames Coop Ext Serv
Pol J Soil Sci
Pol Pismo Entomol
Polymer
Pony
Poult Advis
Poult Egg Situat PES U S Dep Agric Econ Res Serv
Poult Notes N S W Dep Agric
Poult Patrika
Power Farming Mag
Pr Habilitacyjne Poznan Wyzsz Szk Roln
Pract Nutr
Pract Vet
Prakt Tradg
Prikl Biokhim Mikrobiol
Princ Food Sci
Proc Acad Nat Sci Phila
Proc Am Water Resour Conf
Proc Annu Conv Am Assoc Equine Pract
Proc Assoc Off Seed Anal
Proc Br Soc Anim Prod
Proc Entomol Soc Wash
Proc Grassl Soc South Afr
Proc Int Bedding Plant Conf
Proc Natl Acad Sci U S A
Proc Soc Exp Biol Med
Process Biochem
Prod Agric Fr
Prod Res Rep Agric Res Serv U S Dep Agric
Prof Pap U S Geol Surv
Prog Farming
Prog Fish Cult
Prog Food Nutr Sci
Prog Hortic
Prostaglandins (Los Altos)
Protoplasma
Pub (Manit Dep Agric)
Publ Can Dep Agric
Publ Misc Argent Repub Estac Exp Agric Tucuman
Publ Misc Univ P R Recin Mayaguez Col Cienc Agric Estac Exp Agric
Publ Miss State Univ Coop Ext Serv
Publ Tex For Prod Lab
Pulse
Purpose G B Agric Dev Advis Serv
Q J Exp Physiol Cogn Med Sci
Q J R Meteorol Soc
Q Rev Agric Econ Aust Bur Agric Econ
Q Rev Soil Assoc
Query File Commonw Bur Hortic Plant Crops
R I Resour
R Nev Agric Exp Stn
R T I A (Rev Tech Econ Ind Aliment)
Radiat Res
Rajasthan Agric
Ranch Mag
Rapp Uppsats Inst Skogstaxer Skogshogsk (Stockh)
Rec Agric Res North Irel Dep Agric
Recht Landwirtsch
Recl Med Vet
Regul Bull Ky Agric Exp Stn
Rep East Malling Res Stn
Rep Proc West Can Soc Hortic
Rep Water Resour Res Inst Univ N C
Res Bull Idaho Agric Exp Stn Univ Idaho Coll Agric
Res Bull Ohio Agric Res Dev Cent
Res Bull Purdue Univ Agric Exp Stn
Res Circ Ohio Agric Res Dev Cent
Res Monogr Tex Agric Exp Stn
Res Norw Agric
Res Note INT U S Dep Agric For Serv Intermt For Range Exp Stn
Res Rep Ga Exp Stn
Res Rep Miss Agric For Exp Stn
Res Rep Mont Agric Exp Stn Mont State Univ
Res Rep Res Div Coll Agric Life Sci Univ Wis
Res Rep Univ Ga Coll Agric Exp Stn
Res Vet Sci
Residue Rev
Resour Bull PNW USDA For Serv Pac Northwest For Range Exp Stn (U S Dep Agric)
Respir Physiol
Restaurant Bus
Rev Agric (Piracicaba)
Rev Belg Vins Spiritueux
Rev Bras Econ
Rev Cafetalera
Rev Cent Cienc Rurais
Rev Ceres
Rev Econ Stat
Rev Elev Med Vet Pays Trop
Rev Fr Apic
Rev Fr Corps Gras
Rev Invest Salud Publica
Rev Nutr Anim
Rev Palaeobot Palynol
Rev Suisse Zool
Rev Theobroma
Rev Vet Can
Rev Zool Bot Afr
Rhod Agric J
Rice J
Riso
Riv Ital Sost Grasse
Rocz Akad Roln Poznan
Rocz Inst Przem Mlecz
Rocz Nauk Roln, Ser D Monogr
Rostl Vyroba Cesk Akad Zemed Ustav Vedeckotech Inf
Rozpr Nauk Akad Roln Warszaw
Rozpr Nauk Szk Gl Gospod Wiejsk Akad Roln Warszaw
Rubber Board Bull
Rural Life
Rural Sociol
Rustica
Sakh Prom-st'
Sante Abeille
Sb Nauchn Rab Sib Nauchno-Issled Vet Inst
Sb Nauchn Tr Eest Pollumajanduse Akad
Sb Provozne Ekon Fak Cesk Budejovicich Biol Rada
Sch Foodserv J
Schriftenr Agrarwiss Fachbereichs Univ Kiel
Schweiz Arch Tierheilkd
Sci Am
Sci Cult
Sci Hortic
Sci Pap Cent Res Inst Jap Tob Salt Public Corp
Science
Scott Beekeep Scott Beekeep Assoc
Search
Seed Sci Technol
Silva Fenn
Silvae Genet
Smithson Contrib Bot
SNA Nursery Res J (South Nurserymen's Assoc)
So Afr Bee J
Sociobiology
Soil Biol Biochem
Soil Sci
Soil Ser Minn Univ Agric Ext Serv
South Coop Ser Bull
Southeast Asian J Trop Med Public Health
Southeast Peanut Farmer
Southwest Nat
Sov Torg
Spec Circ Pa State Univ Ext Serv
Spec Publ Coll Agric Univ Ill Urbana Champaign
Spec Rep Oreg Agric Expn Stn
Stat Bull U S Dep Agric
Staudengarten
Stn Bull Oreg Agric Exp Stn
Stud Biol Inst Biol (Lond)
Stud For Suec
Sub Cell Biochem
Sudan Silva
Sugarbeet
Sugarcane Breed Newsl
Supervisory Management
Svinskotsel
Syst Entomol
TAG (Theor Appl Genet)
Taiwan Sugar
Tappi (Tech Assoc Pulp Paper Ind)
Tech Bull Agric Exp Stn Kans State Univ Agric Appl Sci
Tech Bull Agric Exp Stn Univ Ariz
Tech Bull G B Minist Agric Fish Food
Tech Bull U S Dep Agric
Tech Lait
Tech Pap For Comm N S W
Tech Rep Water Resour Res Cent Univ Hawaii
Tek Bul Serisi Ormancilik Arastirma Enst
Tetrahedron
Tetrahedron Lett
Tex Agric Prog
Tex Vet Med J
Text Chem Color
Tidskr Sver Utsadesforen
Tidsskr Biavl
Tierarztl Umsch
Tijdschr Diergeneeskd
Timber Grow
Tob Res
Today's Health
Toxicol Appl Pharmacol
Tr Tbilis Inst Lesa
Tr Vses Nauchno-Issled Inst Efirnomaslichn Kult
Training
Trans Am Entomol Soc
Tree Plant Notes U S For Serv
Trends Biochem Sci
Trib Farm Parana Brazil (State) Univ Fed Fac Farm Bioquim
Trop Grain Legume Bull
Trop Grassl
Trop Stored Prod Inf
TSitologiia
TVS Veg Situation Econ Res Serv U S Dep Agric
U S D A For Serv Gen Tech Rep I N T U S Intermt For Range Exp Stn
U S D A For Serv Res Pap FPL
U S Dep Agric For Serv Res Pap SO U S South For Exp Stn
U S For Serv Res Note NC North Cent For Exp Stn
USDA For Ser Gen Tech Rep PNW Pac Northwest For Range Exp Stn U S Dep Agric
USDA For Ser Res Note NE (U S Dep Agric Northeast For Exp Stn)
USDA For Serv Gen Tech Rep NE U S Northeast For Exp Stn
USDA For Serv Gen Tech Rep RM U S Rocky Mt For Range Exp Stn West Reg
USDA For Serv Res Note PNW U S Pac Northwest For Range Exp Stn
USDA For Serv Res Note RM U S Rocky Mt For Range Exp Stn
USDA For Serv Res Pap INT U S Intermt For Range Exp Stn
USDA For Serv Res Pap NC (U S Dep Agric North Cent For Exp Stn)
USDA For Serv Res Pap PNW U S Pac Northwest For Range Exp Stn
USDA For Serv Res Pap PSW U S Pac Southwest For Range Exp Stn
USDA For Serv Res Pap RM U S Rocky Mt For Range Exp Stn
USDA For Serv Res Pap SE U S Southeast For Exp Stn
USDA For Serv Resour Bull SE US Southeast For Exp Stn
USDA (U S Dep Agric)
Usp Mikrobiol
Ustred Vyzk Ustav Rostl Vyroby, Ved Pr
Var Foda
Vesientutkimuslaitoksen Julk
Vestn Moskovsk Univ, Geogr
Vestn S-kh Nauki Kaz
Vestn Zool
Vet Bull
Vet Ital
Vet Pract
Vet Rec
Vet Sb
Veterinaria (Villa Obregon)
Veterinarstvi
Vinodel Vinograd SSSR
Virol Monogr
Virology
Visn Sil's'kohospod Nauki
Vlaam Diergeneeskd Tijdschr
WAA, World Agric Aviat
Water Res
Water Resour Invest
Water Resour Series Econ Soc Comm Asia Pac
Weed Res
Weed Sci
Weeds Trees Turf
West Fruit Grow (Willoughby Ohio)
West Pak J Agric Res
West Wildlands
Wiad Bot
Willdenowia
Wine & Spirit
Wood Sci
Wood Wood Prod
World Anim Rev
World Crops
World Rev Anim Prod
Worlds Poult Sci J
WRRI Rep N M State Univ (Water Resour Res Inst)
Xenobiotica
Yale For Sch News
Z Acker Pflanzenbau
Z Agrargesch Agrarsoziol
Z Lebensm Unters Forsch
Z Naturforsch Teil B Anorg Chem Org Chem
Z Pflanzenernahr Bodenkd
Z Pflanzenkr Pflanzenschutz
Z Pflanzenphysiol
Z Saugetierkd
Z Zool Syst Evolutionsforsch
Zesz Nauk Akad Roln-Tech Olsztynie Roln
Zh Obshch Biol
Zool J Linn Soc
Zool Jahrb, Abt Allg Zool Physiol Tiere
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The *Bibliography of Agriculture* is a monthly index to the literature of agriculture and the allied sciences received in the National Agricultural Library. Magnetic tapes supplied by the library are computer processed, using several vocabulary control mechanisms. The resulting indexes provide access to the literature in considerably less time than would be required by traditional indexing techniques.

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INTRODUCTION

The *Bibliography of Agriculture* is a monthly index to the literature of agriculture and allied sciences, based upon the indexing records prepared by the U.S. National Agricultural Library, for its CAIN (Cataloging and Indexing) computer system. The Oryx Press, in cooperation with Datagraphics Press, Inc., prepares and publishes the Bibliography under the control of its own computer indexing system.

CONTENT

The National Agricultural Library collects literature related to agriculture from world wide sources. The Bibliography includes journal articles, pamphlets, government documents, special reports, proceedings, etc. Books, new serials and other materials recently cataloged by the Library are announced in the *National Agricultural Library Catalog* published by Rowman and Littlefield. Material covered by both the Bibliography and the Catalog is also available through computerized, on-line interactive systems offered by System Development Corporation and Lockheed Information Systems.

Publications are considered for indexing in the CAIN System if a summary, abstract or title is available in a language in which the Library has expertise. Articles of substantial interest to the agricultural community are selected by specialists on the library staff. Editorials, letters to the editor, regular columns, and articles signed with pseudonyms or initials are not included. Indexing of articles on the processing of agricultural products is limited to those on primary processing. Generally material must have been published in the current year or the preceding year, but exceptions are made for comprehensive volumes or works of special significance to a wide audience. Articles that would not otherwise be indexed in the *Bibliography of Agriculture* might be included for USDA authored, sponsored, or published materials.

The Bibliography is now divided into ten sections: A main entry section, five main entry sub-sections, a geographic index, a corporate author index, a personal author index, and a subject index. In addition, a list of Journal Titles indexed in this issue is included in the front matter.

MAIN ENTRY SECTION

The main entry section provides full bibliographic data for the records added to the CAIN system during the preceding month by the National Agricultural Library.

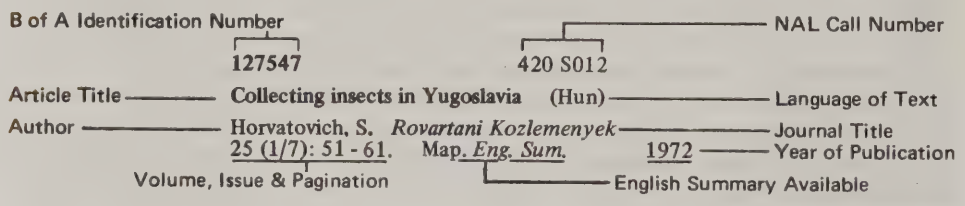
Entries are assigned to one (or more if appropriate) of the broad subject categories shown in the table of contents. The array of subject categories was increased in 1973 to facilitate browsing through a small number of citations of high relevance to a particular interest. Approximately equal numbers of citations will fall into each category over a given period of time. In assigning materials to the categories, first consideration is given to the aspect, discipline or methodology involved, so that the categories will enhance information given in the title.

Within each category, entries are arranged alphabetically by journal title abbreviation. This permits rapid locating and scanning of articles from journals which are known to be relevant.

Each entry begins with a six digit identification number assigned sequentially throughout a volume year. This number serves as an identfier for the item in the various indexes. The call number of the National Agricultural Library is also noted on the first line of each entry, and should be included in any correspondence with the library. All titles are in English, using the Library's translations of non-English titles as necessary. If the text is other than English, the original language is indicated in parentheses following the title, using the following notations:

(Afr)	Afrikaans	(Geo)	Georgian	(Pol)	Polish
(Alb)	Albanian	(Ger)	German	(Por)	Portuguese
(Arm)	Armenian	(Gre)	Greek	(Rum)	Rumanian
(Aze)	Azerbaijani	(Heb)	Hebrew	(Rus)	Russian
(Bel)	Belorussian	(Hun)	Hungarian	(Scc)	Serbo-Croatian (Cyrillic)
(Bul)	Bulgarian	(Ice)	Icelandic		
(Bur)	Burmese	(Ind)	Indonesian	(Scr)	Serbo-Croatian (Roman)
(Chi)	Chinese	(Ita)	Italian		
(Cze)	Czech	(Jpn)	Japanese	(Slo)	Slovak
(Dan)	Danish	(Kor)	Korean	(Slv)	Slovenian
(Dut)	Dutch	(Lat)	Latin	(Spa)	Spanish
(Est)	Estonian	(Lav)	Latvian	(Swe)	Swedish
(Fin)	Finnish	(Lit)	Lithuanian	(Tha)	Thai
(Fle)	Flemish	(Mac)	Macedonian	(Tur)	Turkish
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In order to identify bibliographic elements within each main entry, note the following:



MAIN ENTRY SUB-SECTIONS

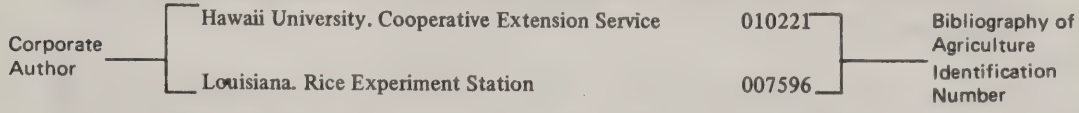
Since The Oryx Press became publisher of the *Bibliography of Agriculture* (in January 1975), five main entry sub-sections have been added. These sections follow The Main Entry Section and appear in the following order: USDA Publications (authored by, sponsored by, and published by); State Agricultural Experiment Station Publications; State Agricultural Extension Service Publications; FAO Publications; and Translated Publications. Each of these five sections appeared in the original *Bibliography of Agriculture* published by the U.S. Department of Agriculture prior to 1970. The citation format used in these five sections differs from The Main Entry Section only in the elimination of the *Bibliography of Agriculture* Identification Number. These numbers have been dropped in these sections because all the entries in The Main Entry Section as well as in the sub-sections.

GEOGRAPHIC INDEX

As part of our goal of constantly increasing access to the literature, we have added a geographic index. This index is a direct alphabetic listing of all place names which have been indexed in association with the title. Obviously not all titles will have geographic entries. The indexing division of the National Agricultural Library will add geographic descriptors wherever it is germane to the subject of the article.

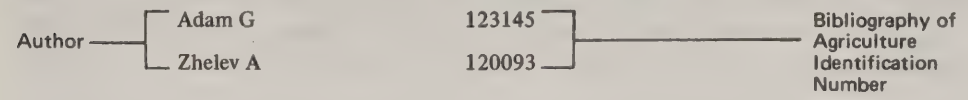
CORPORATE AUTHOR INDEX

Readers will note that the corporate author index is considerably enlarged. We are now able to indicate authorship of the publications of the State Agricultural Experiment Stations and Extension Services. The full corporate citation is given, followed by the six digit identification number referring to its appropriate main entry.



AUTHOR INDEX

All personal authors (to a maximum of ten for each citation) are included in the index. Entries are made by last name and initials, followed by the six digit identification number referring to the bibliographic data in the main entry section.



SUBJECT INDEX

The vocabulary of the *Bibliography of Agriculture* is derived from the indexed literature. As a result, it reflects both natural language and scientific terminology. The reader must keep this fact in mind and approach the subject index without any preconceived taxonomy in mind. For example, data on a particular member of the ACARIDAE family may be found under TICKS as well. Prevention measures will be found under ACARICIDE.

The reader should plan his search in terms of the most specific natural language term prior to searching under a scientific term. However, note that the vocabulary is an open ended one and new terms are added each month. Undoubtedly readers will be more keenly aware of crucial search terms within their own fields of research. If such terms are missing, we hope readers will notify the editor of such gaps. The Subject Index will increase its utility if there is frequent interaction between the research community and the editor.

All entries are complete (none are truncated), and are based on single words in the title (and title enrichment when added by the library). An entry will be made whenever a title word matches a word on the authority file, which currently contains over 25,000 terms. The file is organized so that in most cases synonymous terms are grouped together under a single subject heading. Thus singular and plural forms are grouped under a single term as are grammatical variants.

The title word on which the entry is based, appears in italics to facilitate rapid scanning of the index. A secondary word, which may either precede or follow the primary word, appears in bold face type. The alphabetic sequence is by the secondary (bold face) word. These word pairs help provide finer access to desired terms, particularly under headings which have many entries.

CHEESES

Production and sale of *Gorgonzola* **cheese** [Prices, trade, productive capacity]. 227693

The **cheese** *industry*. 227819

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Many general terms were deleted from the control vocabulary in 1975, and work is underway on the establishment of a more complete list of specific terms. Each subsequent issue will reflect this work. The *Thesaurus of Agricultural Terms,* published in 1976, reflects all the changes made in the control vocabulary through December 1975.

The last item of each entry in the Subject Index is the six digit *Bibliography of Agriculture* identification number. Use this number to locate the complete main entry citation in the monthly issues.

AVAILABILITY OF REFERENCES CITED

Most of the current publications of the Department of Agriculture, and publications issued by the State Experiment Stations and the State Agricultural Extension Services, may be obtained free of charge by applying directly to the issuing agency. The National Agricultural Library does not distribute them, nor does the publisher.

Users who wish to obtain full text for citations should first utilize the resources of their local libraries. For material which is not readily available from other sources, users may request material from the National Agricultural Library. Such requests must include the complete citation as well as the Library's call number. Microfilm or electrostatic copies of documents may be purchased from the Photocopying Service of the National Agricultural Library, U.S. Department of Agriculture, Beltsville, Maryland 20705. Copy charges are:

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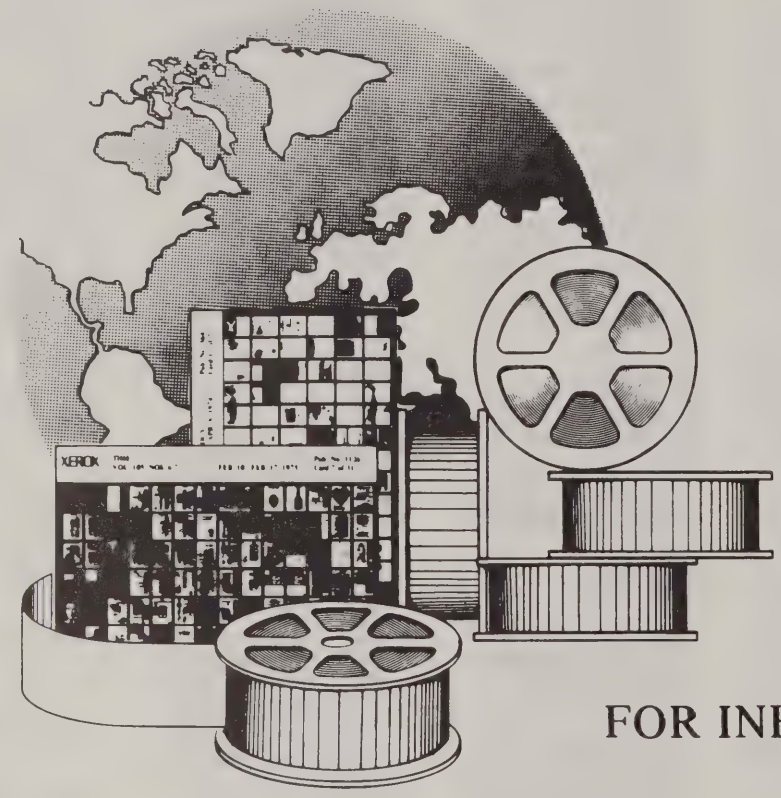
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A E Res N Y State Univ Dep Agric Econ
Acarologia
Acarologie
ACE Am Assoc Agric Coll Ed
Acrida
ACS Symp Ser (Amer Chem Soc)
Acta Anat
Acta Biol Med Ger
Acta Bot Neerl
Acta Endocrinol
Acta Hydrochim Hydrobiol
Acta Pathol Microbiol Scand, Sect C Immunol
Acta Pathol Microbiol Scand Suppl, Sect A And Or Sect B
Acta Physiol Scand
Acta Pol Pharm
Acta Vet Scand
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Agric Econ Rep Econ Res Serv U S Dep Agric
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Agriculture (Paris)
Agroanimalia
Agrochemophysica
Agrokhimiia
Agrologist
Agron Lusit
Agron Prog Rep Univ Calif Agric Exp Stn
Agron Trop (Paris)
Agrosintesis
Aktuel Litinf Obstbau Berlin Tech Univ Bibl
Ala For Prod
Alexanor
Alimenta
Allg Dtsch Imkerztg
Am Bee J
Am Christmas Tree J
Am Dairy Rev
Am Honey Prod
Am J Bot
Am J Clin Nutr
Am J Physiol
Am J Trop Med Hyg
Am J Vet Res
Am Mink Breeder Mag
Am Mus Novit
Am Nat
Am Potato J
Amer J Clin Nutr
An Acad Bras Cienc
An Col Of Vet Prov
An Estac Exp Aula Dei
An Inst Invest Vet
An Quim Soc Esp Fis Quim
Anal Biochem
Anat Histol Embryol
Angew Parasitol
Anim Behav
Anim Prod
Anim Quar
Ann Accad Ital Sci For
Ann Appl Biol
Ann Assoc Am Geogr
Ann Entomol Soc Am
Ann Falsif Expert Chim
Ann Gembloux
Ann Hydrobiol
Ann Ist Sper Zootec (Rome)
Ann Ist Super Sanita (Roma)
Ann Med Vet
Ann Microbiol
Ann Mo Bot Gard
Ann Parasitol Hum Comp
Ann Pharm Fr
Ann Sci Nat Bot Biol Veg
Ann Sci Nat Zool Biol Anim
Ann Soc Entomol Fr
Ann Zool Fenn
Annee Biol
Annu Rep Agric Res Counc Letcombe Lab
Annu Rep Grassl Res Inst (Hurley)
Annu Rev Energy
Annu Rev Phytopathol
Anz Schadlingskd Pflanzenschutz
APE, Riv Svizz Apic
APHIS-81 U S Anim Plant Health Insp Serv
Apic Mod
Aquat Bot
Arb DLG (Dtsch Landwirtsch Ges)
Arb Osterreich Kurator Landtech
Arbor Kornick
Arch Anat Histol Embryol
Arch Biochem Biophys
Arch Environ Health
Arch Mikrobiol
Arch Naturschutz Landschaftsforsch
Arch Tierernahr
Arch Vet Ital
Arch Virol
Arkansas Cattle Bus
Arnoldia
ARS-S U S Agric Res Serv South Reg
Arsskr K Vet Landbohojsk
Atl Nat
Atmos Environ
Auburn Vet
Audiovisual Instruction
Aust Entomol Mag
Aust J Chem
Aust J Dairy Technol
Aust J Mar Freshwater Res
Aust J Zool
Aust J Zool Suppl Ser Suppl
Aust Orchid Rev
Aust Wildl Res
Australas Beekeep
Avian Dis
Avic Ind
Bacteriol Rev
Baromfiipar
Baromfitenyesztes
Beitr Geobot Landesaufn Schweiz Schweiz Naturforsch Ges Pflanzengeogr Komm
Beitr Naturkd Niedersachsens Nat Kult Jagd
Beitr Tabakforsch
Belle Glade AREC Res Rep EV Univ Fla (Agric Res Educ Cent)
Ber Eidg Anstalt Forstl Vers
Ber Inst Tabakforsch Dres
Berl Munch Tierarztl Wochenschr
Bhagirath
Biatas, The Tillage Farmer
Bibl Anat
Biene
Bienenpflege
Bienenvater
Biochem Biophys Res Commun
Biochem J
Biochemistry (Easton)
Biochim Biophys Acta
Biochimie
Bioinorg Chem
Biokhimiia
Biol Ecol Med
Biol J Linn Soc
Biol Nauki
Biol Pr
Biol Reprod
Biol Rundsch
Biol Unser Zeit
Biol Zentralbl
Biologia, Ser B Zool
Biologia, Ser C Vesobecna Biol
Biologist
Biometrics
Biometrika
Bioorg Chem
BIOS
BioScience Am Inst Biol Sci
Biotechnol Bioeng
Bitki Koruma Bul
Biull Gl Bot Sada
Blatter Landtech
Bol Divulg Tec Argent Repub Estac Exp Agropecu Alto Valle
Bol Ind Anim
Bol Inst Pesca
Bol Inst Tecnol Aliment
Bol Of Sanit Panam
Bol Soc Port Cienc Nat
Bol Tec Cent Pesqui Cacau
Boll Soc Geogr Ital
Boll Soc Ital Biol Sper
Boll Soc Nat Napoli
Borgazdasag
Bot Gaz
Bot J Linn Soc
Bot Jahrb Syst Pflanzengesch Pflanzengeogr
Bot Monogr
Bot Tidsskr
Br Bee J
Br Sugar Beet Rev
Br Vet J
Branntweinwirtschaft
Bras Flores
Brauwelt
Brauwissenschaft
Brew Dig
Brew Guardian
Broil Ind
Bryologist
Bull Am Dahlia Soc
Bull Anciens Eleves Ec Meun
Bull Br Mus Nat Hist Entomol
Bull Calif Dep Water Resour
Bull Conn Univ Ext Serv
Bull Coop Ext Serv Mont State Univ
Bull Coop Ext Serv Univ Ga Coll Agric
Bull Fac Agric Hirosaki Univ
Bull Fla Agric Exp Stn
Bull Grain Technol
Bull Inf Mutual Agric
Bull La Agric Exp Stn Dep Agron
Bull La Soc Hortic Res
Bull Mus Natl Hist Nat Ser 3 Bot
Bull Mus Natl Hist Nat Ser 3 Zool
Bull O I V
Bull Oreg Entomol Soc
Bull Res Div, Va Polytech Inst State Univ
Bull Soc Entomol Fr
Bull Soc Hist Nat Afr Nord
Bull Soc Pathol Exot Ses Fil
Bull Soc R For Belg
Bull Soc Sci Hyg Aliment
Bull Soc Zool Fr
Bull Tech Inf Minist Agric (Paris)
Bull Torrey Bot Club
Bull Univ Manch Fac Econ Soc Stud Dep Agric Econ
Bull Water Res Inst Appala Cent W Va Univ
Bull Water Resour Res Cent Va Polytech Inst State Univ
Bull World Health Organ
Butter Fat Solids
Buvar
Cah Ing Agron
Cah Micropaleontol
Cah Ser Pedol ORSTOM (Off Rech Sci Tech Outre-Mer)
Cal Payes
Calif Ariz Cotton
Calif Farmer (Cent Ed)
Calif Vet
Can Entomol
Can J Afr Stud
Can J Anim Sci
Can J Biochem
Can J Bot
Can J Chem
Can J Microbiol
Can J Zool
Carbohydr Res
Cardamom News
Cas Morav Mus Vedy Prir
Catena
Cattle
Cell Mass Inst Technol
Cell Tissue Res
Cellul Carta
Centralbl Gesamte Forstwes
Cereal Foods World
Cesk Epidemiol Mikrobiol Imunol
Chem Ber Ges Dtsch Chem
Chem Commun
Chem Ind Soc Chem Ind
Cienc Invest
Circ Coop Ext Ser Univ Ga Coll Agric
Citrus Sub-Trop Fruit J
Citrus Veg Mag
Clin Toxicol
Clin Vet
CNI Weekly Rep
Coconut Bull
Comb Proc Int Plant Propag Soc
Comp Biochem & Physiol A, Comp Physiol
Comp Biochem & Physiol B, Comp Biochem
Comp Biochem & Physiol C, Comp Pharmacol
Coop Ext Pub La State Univ Agric Mech Coll Coop Ext Serv
Cornell Hotel Restaurant Admin Quarterly
Cornell Int Agric Dev Mimeogr
Cornell Poult Point
Cotton Gin Oil Mill Press
Cotton Qual Supply Disappearance Carryover U S Agric Mark Serv Cotton Div
Cotton Qual U S Agric Mark Serv Cotton Div
Counc Agric Sci Technol Rep
Cranberries
CRC Crit Rev Food Sci Nutr (Chem Rubber Co)
Ctry Life
Cuban J Agric Sci
Cultiv Mod
Curr Sci
Cytobios
Dairy Farmer Dairy Beef Prod
Dairy Notes
Dan Skovforen Tidsskr
Dan Veterinaertidskr
Dasika Chron
Deeds & Data
Dendrol Uzb
Depeche Ind Commer Agric
Dev Biol
Dig Int J Gastroenterol
Diss Bot
Doc Cartogr Ecol
Dokl Akad Nauk SSSR
Down Earth
Dtsch Baumsch
Dtsch Lebensm Rundsch
Dtsch Molk Ztg
Dtsch Muller Ztg
Dtsch Pelztierz
DVGW-Schriftenr Wasser (Dtsch Ver Gas- Wasserfachmannern)
Ecol Res Ser
Ecology (Durham)
Econ Med Anim
Edesipar
Elelmez Ipar
Endocrinology
Endokrinologie
ENT Univ Ky Coll Agric Coop Ext Serv
Entomol Exp Appl
Entomol Z
Entomophaga
Entomops
Environ Monit Ser EPA-R4
Environ Prot Technol Ser EPA-R2
Equip Tips
ERD Rep Fla Dep Citrus Econ Res Dep
Erdo
ERFA (Erdogazdasag Faipar)
Ernahr Umsch
Ernahrungswirtschaft
Estuarine Coastal Mar Sci
Eur J Appl Microbiol
Eur J Biochem
Eur J Pharmacol
Evk Fajtakiserletezes Fajtaminosites Orsz Mezogazdasagi Fajtakiserleti Intez
Evolution
Exp Cell Res
Experientiae
Ext Bull Mich State Univ Coop Ext Serv

Ext Fol Agric Ext Serv Univ Minn
F. O. Licht's Int Sugar Rep
Fact Sheet Oreg State Univ Ext Serv
Faipar
Farm Fact
Farm Front
Farm Income Ser G B Minist Agric Fish Food
Farmer (Jam Agric Soc)
Farmer Parliament
Farmers Bull U S Dep Agric
Farming Zambia
FAS-M U S Foreign Agric Serv
Fats Oils Situat FOS U S Dep Agric Econ Res Serv
Fauna. Nor Zool Foren Tidsskr
Fauna Pol
FEBS Lett (Fed Eur Biochem Soc)
Fed Proc Fed Am Soc Exp Biol
Feddes Repert
Feedlot Manage
Feedstuffs
Feld Wald Wasser Schweiz Jagdztg
Feldwirtschaft
Fermes Mod
Fert News
Field Stn Rec Commonw Sci Ind Res Organ
Fiji Agric J
Fire Management
Fitotec Latinoam
Fiziol Biokhim Osn Vzaimod Rast Fitotsen
Fjorfe
Fla Cattlem Livest J
Fleischerei
Fleischwirtschaft
Flora Fauna
Flora Males Bull
Flussiges Obst
Foldrajzi Ert
Folia Entomol Mex
Folia For
Folia Microbiol
Folia Morphol
Food Eng
Food Ind S Afr
Food Management
Food Manuf
Food Nutr
Food Technol
Food Technol N Z
Food Technol Rev
For Indus Rev
For Notes
Foreign Agric Circ FD U S Foreign Agric Serv
Foreign Agric Circ FDF U S Foreign Agric Serv
Foreign Agric Circ FOP U S Foreign Agric Serv
Foreign Agric Circ FT U S Foreign Agric Serv
Foreign Agric Circ, Grains FG, U S Dep Agric Foreign Agric Serv
Foreign Agric Econ Rep U S Dep Agric Econ Res Serv
Foreign Agric U S Foreign Agric Serv
Forester
Forsch Berat, Reihe C, Wiss Ber Diskussionsbeitr
Forsch Sitzungsber Akad Raumforsch Landespl
Forschungsber Forstl Forschungsanst Munchen
Forsk Prakt
Forstarchiv
Fortschr Zool
Fortschritte Pflanzenzuchtung
Fortschrittsber Landwirtsch Nahrungsguterwirtsch
Freshwater Biol
FRI Res Pam (For Res Inst Kepong)
Fruchthandel
Fruit Var J
Fruits
Fruits & Abeilles
Frutticoltura
G Bot Ital
Ga Vet
Gabonaipar
Gac Vet
Gart Kleintierzucht, C Imker
Gartneryrket
Gaz Apic
Gazdalkodas
Gen & Comp Endocrinol
Genet And Plant Breed
Geogr Rev
Gewasbescherming
Giessen Geogr Schr
Giessener Schriften Agrar-Ernahrungswirtsch
Glean Bee Cult
Gorteria
Gottinger Floristische Rundbriefe
Gozdar Vestn
Grass
Grundlagen Fortschr Lebensmittelunters
Handb Erwerbsgartn
Hausmitt Landwirtsch
Health Lab Sci
Helv Chim Acta
Hidrol Kozl
Highlights Water Pollut Control Fed
Histochem J
Histochemistry
Ho Dep Hortic Univ Ky Coll Agric Coop Ext Serv
Hoards Dairym
Hodowla Rosl Aklim Nasienn
Holz Kunststoffverarbeitung
Holzforschung
Home Econ Res J
Home Gard Bull U S Dep Agric
Hopfenrundschau
Hortic Ind
Hortsci
Hospitals
Hum Ecol Forum
Husipar
Hutoipar
Hybrid
Hydrobiol Bull
I C A R Tech Bull, Anim Husb (Indian Counc Agric Res)
Imkerfreund
Immunology
In Agricultural Research for Development. M. H. Arnold, ed.
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In Vitro J Tissue Cult Assoc
In Voprosy sravnitel'noi morfologii semennykh rastenii. L. IU. Budantsev, ed.
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In Zashchita sel'skokhoziaistvennykh kul'tur ot vreditelei boleznei i sorniakov. V. Eglitis & others, eds.
In Zicht op de landbouw; de ruimtelijke verscheidenheid van de landbouw in de samenleving
Ind Aliment Agric
Ind Conserv
Ind Leche
Ind Saccarif Ital
Ind Water Eng
Indian Dairym
Indian J Anim Health
Indian J Dairy Sci
Indian J Exp Biol
Indian J Med Res
Indian J Nutr Diet
Indian J Power River Val Dev
Indian J Technol
Indian Poult Gaz
Indian Poult Rev
Indian Pulp Pap
Indian Sugar
Indian Vet J
Inf Bull Int Maize Wheat Improv Cent
Inf Card Clemson Univ Ext Serv
Inf Fitopatol
Inf Internes Agric Comm Communautes Eur
Inf Ortofruttic
Inf Rep NOR-X North For Res Cent (Edmonton Alberta)
Inf Rep VP-X West For Prod Lab Vancouver
Inf Ser For Wildl Range Exp Stn Univ Idaho
Inf Tec Argent Repub Estac Exp Agropecu Pergamino
Infect Immun
Inquinamento
Insect Biochem
Insectes Soc
Inst Prod Florestais Cortica
Instit/vol Feeding
Instrum Chem Pet Ind
Int Arch Allergy Appl Immunol
Int Biol Programme
Int Holzmarkt
Int J Biochem
Int J Biometeorol
Int J Chronobiol
Int J Radiat Biol Relat Stud Phys Chem Med
Int J Syst Bacteriol
Int Pest Control
Int Rev Gesamten Hydrobiol
Int Sugar J
Integr Study Earth Resour State Calif Remote Sensing Tech Annual Prog Rep
Inventory Ohio Soil Prog Rep Ohio Dep Nat Resour Div Land Soil
Invest Inf Text Tens
Iowa State J Res
Ir For
Ir Vet J
Irish Nat J
Irrig Farmer
Isr Agric
ISR Interdiscip Sci Rev
Isr J Bot
Ital For Mont
Ital Vinic Agrar
J Agric (Adelaide)
J Agric Food Chem
J Agric (Melb)
J Agric Sci (Camb)
J Agric Trop Bot Appl
J Air Pollut Control Assoc
J Ala Acad Sci
J Am Anim Hosp Assoc
J Am Chem Soc
J Am Diet Assoc
J Am Oil Chem Soc
J Am Soc Hortic Sci
J Am Vet Med Assoc
J Anat
J Anim Morphol Physiol
J Anim Sci
J Appl Bacteriol
J Appl Ecol
J Appl Meteorol
J Appl Physiol
J Appl Polym Sci
J Arnold Arbor
J Bacteriol
J Biochem (Tokyo)
J Biol Chem
J Bryol
J Can Diet Assoc
J Cell Biol
J Cell Physiol
J Chem Ecol
J Chem Soc, Perkin Trans I
J Chin Soc Hortic Sci
J Chromatogr
J Chromatogr Sci
J Clin Invest
J Clin Microbiol
J Comp Physiol
J Endocrinol
J Environ Manage
J Exp Mar Biol Ecol
J Exp Zool
J Fish Res Board Can
J Food Sci
J For
J For Hist
J For Suisse
J Ga Entomol Soc
J Gen Appl Microbiol
J Gen Virol
J Hattori Bot Lab
J Histochem Cytochem
J Home Econ
J Hortic Sci
J Hyg Epidemiol Microbiol Immunol
J Immunogenet
J Infect Dis
J Insect Physiol
J Jap Bot
J Jap Soc Hortic Sci
J Lepid Soc
J Macromol Sci
J Membr Biol
J Milk Food Technol
J Mol Biol
J Nutr
J Nutr Educ
J Nutr Sci Vitaminol
J Org Chem
J Pathol (Edinb)
J Pharm Belg
J Phycol
J Physiol
J Physiol (Paris)
J R Soc N Z
J R Soc West Aust
J Reprod Fertil
J Sci Ind Res
J Small Anim Pract
J Steroid Biochem
J Theor Biol
J Toxicol Environ Health
J Virol
J Wash Acad Sci
J Water Pollut Control Fed
J Wildl Dis
Jap J Physiol
Jap J Vet Res
Justus Liebigs Ann Chem
K Skogs och Lantbruksakademiens Tidskr
Kakteen Sukkulenten
Kaseigaku Zasshi J Home Econ
Kasvinsuojelus Julk
Kavaka
Kenya Cof
Kert Kut Intez Kozl
Keszthelyi Mezogazdasagtud Kozl Agrartud Egy Keszthely
Kew Bull
Khim Drev
Kooperation
Kosmos, Ser A Biol
Kraftfutter
Kul't Flora SSSR
La Vie Agric Meuse
Lab Anim Sci
Lambillionea
Lancet
Land Econ
Landbauforsch Volkenrode
Landbrukstidende
Landmasch Markt
Landschaft & Stadt
Landwirtsch-Angew Wiss Bundesminist Ernahr Landwirtsch Forsten Ger (Fed Repub)
Laporan Rep Lembaga Penelitian Hasil Hutan
LASCA Leaves (Los Ang State Cty Arbor)
Latte
Lav Arroz
Lavoura
Leafl Coop Ext Serv Univ Ga Coll Agric
Leafl Irel Dep Agric Fish
Leafl L Tex Agric Exp Stn
Leafl U S Dep Agric
Lebensm Ind
Lebensm Prax
Lesn Prace
Libr List Natl Agric Libr U S Dep Agric
Life Sci
Lilloa
Limnol Oceanogr
Linn Soc Symp Ser
Lipids
Livest Breed J
Livest Farming
Lloydia

Lohnunterne Land Forstwirtsch
Mamm Rev
Mar Biol
Mar Sci Commun
Mark Res Rep U S Dep Agric
Math Biosci
Medd Jordbruk Utredningsinst
Meheszet
Meieriposten
Mem Gouv Que Minist Terres Forets Serv Rech
Mem Ist Ital Idrobiol
Mem Soc Broter
Memo Niger Dep Agric Res
Memo Tec Mex Dir Gen Dist Riego
Metab Clin Exp
Metod Zavad Vysled Vyzk Praxe
Mezogazd Tech
Mich Farm Econ
Microbios
Micronesica
Microscope
Mikol Fitopatol
Mikrokosmos
Mikroskopie
Milk Ind
MIRINZ Meat Indus Res Inst N Z
Misc Publ Coop Ext Serv Univ Hawaii
Misc Publ Entomol Soc Am
Misc Publ U S Dep Agric
Misc Rep Cent Overseas Pest Res
Misc Univ Nac Tucuman Fac Agron Zootech
Mitt Biol Bundesanst Land Forstwirtsch (Berlin-Dahlem)
Mitt Forstl Bundes-Versuchsanst Wien
Mitt Ges Biblioteksw es Dok Landbaues
Mitt Obstbauversuchsringes Alten Landes
Mitt Schweiz Entomol Ges
Mitt Schweiz Landwirtsch
Mitt Versuchsstn Garungsgewerbe Wien
Mitt Zool Mus Berl
Mod Dairy
Mod Vet Pract
Mol Biol Rep
Mol Cell Biochem
Mol Gen Genet (MGG)
Monatsh Veterinarmed
Mondo Latte
Monogr Bot
MP Tex Agric Exp Stn
Muhle Mischfuttertech
Muhlen Mischfutterkal
Mutat Res
Mycologia
Mycotaxon
Mykosen (Berlin)
N S W Dairyman
N Z Agric Sci
N Z J Dairy Sci Technol
N Z J Exp Agric
N Z J For
N Z Soil News
N Z Soil Surv Rep
Na Okika O Hawaii (Hawaii Orchid J)
Nachrichtenbl Dtsch Pflanzenschutzd
Nahrung
Nat Belg
Nat Jutl
Nat Mus
Natl Wool Grow
Nature
Naturwiss Rundsch
Naturwissenschaften
Nauka Pol
Naunyn-Schmiedeberg's Arch Pharmacol
Ned Bosbouw Tijdschr
Neue Bienenzucht
New Engl J Med
New Entomol
New Guinea Res Bull
New Phytol
New Sci (London)
Newsl Assoc Off Seed Anal
Nor Entomol Tidsskr
Nor Landbruk
Nor Skogind
Nor Veterinaertidskr
Nord Hydrol
Nord Veterinaermed
Northwest Sci
Not Entomol
Not Neosan
Note Rech Laval Univ Dep Exploit Util Bois
Now Mont State Coll Ext Serv
Nutr Metab
Nutr Rep Int
Nutr Rev
Nutr Today
O Solo
Obz Inf Vses Nauchno-Issled Inst Inf Tekh-Ekon Issled Sel'sk Khoz
Occas Pap Calif Acad Sci
Occas Paper Farlow Herb Cryptogam Bot
Occas Rep Va Div For Dep Conserv Econ Dev
Oecologia
Onderstepoort J Vet Res
Opera Bot Ser B Flora Ecuador
Opusc Zool
Orchard N Z
Oreg Agri Rec
Org Gard Farming
Osn Nematodologii
Osteuropastud Hochschulen Landes Hessen Reihe I, Giessener Abh Agrar Wirtschforsch Eur Ostens
Ovina
PA U S Dep Agric
Pac Discov
Pac Hortic
Pan Pac Entomol
Pap Puu
Papier
Parazity Zhivotnykh Rast
Pathol Biol
Pathol Microbiol
Pavo
PB U S Natl Tech Inf Serv
Pediatrics
Perm Assoc Comm Proc West For Conserv Assoc
Pflanzenarzt
Pflugers Arch
Phospho Agric
Photochem Photobiol
Physiol Plant
Physiol Plant Pathol
Phytoma
Phytopathology
Pig Breed Gaz
Pig Farming
Plant Cell Physiol
Plant Chron
Plant Dis Rep
Plant Sci Bull
Plant Sci Lett
PM Iowa State Univ Sci Technol Ames Coop Ext Serv
Polymer-Plast Technol Eng
Postepy Biochem
Poult Advis
Poult Guide
Poult Ind
Poult Trib
Power Farming
Power Farming Mag
Pr Szczecin Tow Nauk Wydz Nauk Przyr Roln
Pr VULHM (Vyzk Ustav Lesn Hospod Myslivosti)
Prakt Schadlingsbekampf
Prevention
Prir Obstan Fauny Proshl
Proc Annu Meet North Cent Weed Control Conf
Proc Annu Res Conf Chas Pfizer Co Agric Div
Proc Assoc Off Seed Anal
Proc Crop Sci Soc Jap
Proc Electron Micros Soc Am
Proc Eur Soc Toxic
Proc Indian Acad Sci, Sec B
Proc N Z Grassl Assoc Conf
Proc Soc Exp Biol Med
Process Biochem
Prod Res Rep Agric Res Serv U S Dep Agric
Prod Veg Cereale Plante Teh
Prof Nutr
Prof Pap U S Geol Surv
Prog Agric Vitic
Prog Allergy
Prog Rep Ky Agric Exp Stn
Prog Rep Tex Agric Exp Stn
Proteins
Protistologica
Pub (Manit Dep Agric)
Publ Agric Econ Res Unit Lincoln Coll
Publ Cairo Univ Herb
Publ Can Dep Agric
Publ Great Plains Agric Counc
Publ Inst Florestal (Sao Paulo)
Publ Misc Interam Inst Agric Sci
Publ Trimest Inst Belg Amelior Better
Pulp & Pap Can
Pulp And Pap
Pulpwood Annu
Pyrethrum Post
Q J Fla Acad Sci
Q J For
Q J Taiwan Mus
Quaest Entomol
Query File Commonw Bur Hortic Plant Crops
R T I A (Rev Tech Econ Ind Aliment)
Radiat Environ Biophys
Rass Chim
Recht Landwirtsch
Rep Snow Brand Milk Prod Co Res Lab
Res Bull Hokkaido Natl Agric Exp Stn
Res Bull Purdue Eng Exp Stn
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